

## Examples of 2004 API Base Calculation for a 6-8 School

**Table 6A**  
**Simple Calculation**

	Grade	Content Area	Test Weights <b>A</b>	Individual Student Scores	Individual Scores Weighted for API <b>B</b>	Weight x Score <b>C</b> A x B
Student 1	6	CST ELA	0.480	Basic	700	336.00
Student 1	6	CST Math	0.320	Below Basic	500	160.00
Student 2	7	CST ELA	0.480	Proficient	875	420.00
Student 2	7	CST Math	0.320	Below Basic	500	160.00
Student 2	7	NRT Read	0.060	77 NPR	875	52.50
Student 2	7	NRT Lang	0.030	30 NPR	500	15.00
Student 2	7	NRT Spell	0.030	50 NPR	700	21.00
Student 2	7	NRT Math	0.080	25 NPR	500	40.00
Student 3	8	CST ELA	0.480	Basic	700	336.00
Student 3	8	CST Math	0.320	Far Below Basic	200	64.00
Student 3	8	CST HSS	0.200	Proficient	875	175.00
School Total			2.800		1779.50	

**School's API**  
 = **636**  
 (total Column C divided by total Column A)

**Table 6B**  
**Calculation Showing School's Content Area Weights**

Content Area	Student Scores				School				
	Individual Scores Weighted for API				Number of Student Scores <b>C</b> Count of B1, B2, & B3	Weight for All Scores <b>D</b> A x C	School's Content Area Weights <b>E</b> D/ Total of Column D	Average of Student Weighted Scores <b>F</b> Average of B1, B2, & B3	Weighted Average of Student Weighted Scores <b>G</b> E x F
	Test Weights <b>A</b>	Student 1 (Gr. 6) <b>B1</b>	Student 2 (Gr. 7) <b>B2</b>	Student 3 (Gr. 8) <b>B3</b>					
CST ELA	0.480	700	875	700	3	1.440	51.4%	758.33	390.0000
CST Math	0.320	500	500	200	3	0.960	34.3%	400.00	137.1429
CST HSS	0.200			875	1	0.200	7.1%	875.00	62.5000
NRT Reading	0.060		875		1	0.060	2.1%	875.00	18.7500
NRT Language	0.030		500		1	0.030	1.1%	500.00	5.3571
NRT Spelling	0.030		700		1	0.030	1.1%	700.00	7.5000
NRT Math	0.080		500		1	0.080	2.9%	500.00	14.2857
Total	1.200					2.800	100.0%		

**School's API = 636**  
 (sum of Column G)

**NOTES:**

"School's API" is the weighted average of student scores based upon the number of valid scores.

"Individual Scores Weighted for API" are valid student scores that have API performance level weighting factors applied (i.e., 200, 500, 700, 875, or 1000).